



Indiana Department of Education

SUPPORTING STUDENT SUCCESS

TO: Principals, Superintendents, and CTE District Directors

FROM: Melissa Ambre, Director, IDOE Office of School Finance
Melissa Rekeweg, State Director of CTE and IDOE Assistant Director of College & Career Readiness

DATE: May 2, 2012

SUBJECT: 2012-13 Career and Technical Education Course Enrollment Reporting

The Indiana Department of Education has simplified the fall process of reporting enrollments in Career and Technical Education (CTE) courses for the 2012-13 school year in the following ways:

- Schools will have an expanded amount of time, over one full month, to submit CTE course enrollments via the InTERS 30a system from ADM count day, September 14th through October 19th, 2012.
- CTE course enrollments are reported by DOE Course Number and Title.
- Only enrollments in state-approved CTE course titles from the 2012-2013 state-approved CTE funding chart that appear on the school or district's approved "CTE Course Inventory" list may be reported.

Please note:

- No new CTE student enrollment submissions will be accepted after October 19th, but corrections will be accepted until November 2, 2012. Changes will not be allowed after November 2nd.
- Schools or districts wishing to add new programs to the inventory list must do so by June 1, 2012 using the Course Inventory Changes form available at <http://www.doe.in.gov/achievement/career-education> under the CTE Information heading.
- CTE Directors can access a list of their state-approved CTE course and program inventories on the InTERS data system by going to the "synchronization utility" or in the new InTERS program.
- To ensure that schools receive full Additional Pupil Count (APC) funding for CTE students, it is imperative that high schools and CTE district personnel share data in the correct format, specified in the InTERS system, to avoid so that data entry errors are avoided.
- The amount of state CTE funding provided to school corporations is listed with each course and is based on wage and demand data from the Indiana Department of Workforce Development as required by Indiana Code IC 20-43-8, which may be viewed online at <http://www.in.gov/legislative/ic/code/title20/ar43/ch8.html>.

Free workshops on using the InTERS electronic data system for reporting CTE student enrollments are available. For a list of training sites and dates, contact Brin Sisco at bsisco@dwd.in.gov to register.

Questions may be addressed to Melissa Rekeweg at mrekeweg@doe.in.gov, Chris Deaton at cdeaton@dwd.in.gov or Melissa Ambre at mambre@doe.in.gov

Determining Which Students Count for CTE Funding

The Indiana General Assembly provides Additional Pupil Count (APC) funding to school corporations for students enrolled in approved CTE courses from a CTE district's inventory of approved CTE courses. Total CTE funding is based on the sum of the calculations described below and is based on Indiana wage and demand projections for the next ten years.

1. Full Year CTE Programs and Courses

The formula used to calculate CTE funding for year-long CTE programs is based on CTE course credit hours and enrollment for the equivalent of one half of a school year. Therefore, the enrollment multiplier for a year-long CTE program:

- generating two credits = 1
- generating four credits = 2
- generating six credits = 3

The multiplier is applied to a dollar amount for each course based on the wage and demand data for the occupation for which the course is connected:

State CTE Funding – Yearly Reimbursement Rates			
	High Wage	Moderate Wage	Low Wage
More than Moderate Labor Market Demand	\$450	\$375	\$300
Moderate Labor Market Demand	\$375	\$300	\$225
Less than Moderate Labor market need	\$300	\$225	\$150
Other	\$250		

No CTE program/course generates more than three credit hours of funding. The calculation is based on fall enrollments as of ADM count day. Only courses and programs listed on the list of state-approved CTE courses attached to this memo and on a CTE district's approved list of CTE courses and programs may be used. Use the graph below to determine which students to count for various schedules.

2. One Credit/One Semester CTE Courses

A multiplier of 1 is used for one semester/one credit CTE courses based on fall enrollment figures using the graph below.

3. Area Participation Students

Funding of \$150 per student is provided for enrollments of area participation students. Area participation is defined as enrollment of students participating in CTE courses in which students from two schools or more are served in a common location.

Only students in CTE courses in the semesters/trimesters/terms listed below may be counted:

	Traditional Schedule or Block Eight	Block Four	Trimester
Full Year CTE Programs and Courses	Fall/first semester enrollment only	First and third terms only (fall)	Enrollments in 1 st and 2 nd trimesters only
One Credit/One Semester CTE Courses	Fall/first semester enrollment only	First and third terms only (fall)	Enrollments in 1 st and 2 nd trimesters only

Indiana Secondary Career and Technical Education Courses Funding Crosswalk 2012-13

May 2, 2012

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
5462	Adult and Elder Care I, II <i>title expires in 2012-2013</i>	F&CS	6	Low	High	\$300
5330	Adult Roles and Responsibilities	ED	2	Other	Other	\$250
5268	Advanced Business Management <i>formerly Business, Management and Finance</i>	BFM	4	High	High	\$450
5360	Advanced Child Development	ED	2	Other	Other	\$250
5346	Advanced Culinary Arts <i>new DOE # and course title</i>	HHS	6	High	High	\$450
5458	Advanced Hospitality Management <i>formerly Hotel Academy</i>	HHS	6	High	High	\$450
5070	Advanced Life Science: Animals (L)	AG	2	Moderate	High	\$375
5072	Advanced Life Science: Foods (L)	AG, F&CS	2	Moderate	High	\$375
5074	Advanced Life Science: Plants and Soils (L)	AG	2	Moderate	High	\$375
5608	Advanced Manufacturing I <i>formerly Advanced Manufacturing</i>	MAN	6	High	High	\$450
5606	Advanced Manufacturing II <i>new DOE # and course title</i>	MAN	6	High	High	\$450
5340	Advanced Nutrition and Wellness <i>formerly Advanced Nutrition and Foods</i>	HHS	2	Other	Other	\$250
5518	Aerospace Engineering non PLTW <i>formerly Aerospace Engineering Technology non PLTW</i>	ENGI	2	High	High	\$450
4816	Aerospace Engineering PLTW	ENGI	2	High	High	\$450
5002	Agribusiness Management	AG	2	Moderate	High	\$375
5088	Agriculture Power, Structure and Technology <i>formerly Agricultural Mechanization</i>	AG	6	Moderate	High	\$375
5276	Anatomy and Physiology	HS	2	High	High	\$450
5008	Animal Science	AG	6	High	High	\$450
5640	Architectural Drafting and Design I <i>formerly Drafting and Computer Aided Design (Architectural Drafting)</i>	A&C	6	Moderate	High	\$375
5652	Architectural Drafting and Design II <i>new DOE # and course title</i>	A&C	6	Moderate	High	\$375
5544	Automotive Collision Repair Technology I <i>formerly Automotive Collision Repair Technology</i>	T&L	6	High	High	\$450
5514	Automotive Collision Repair Technology II <i>new DOE # and course title</i>	T&L	6	High	High	\$450
5510	Automotive Services Technology	T&L	6	High	High	\$450
5546	Automotive Services Technology II <i>new DOE # and course title</i>	T&L	6	High	High	\$450
5524	Aviation Flight <i>formerly Aircraft Operations</i>	T&L	2	Moderate	High	\$375
5520	Aviation Maintenance <i>formerly Aviation Maintenance Technology</i>	T&L	6	Moderate	High	\$375
5528	Aviation Operations <i>formerly Aviation Support Operations</i>	T&L	6	Moderate	High	\$375
5219	Biomedical Innovation PLTW	HS-B	2	High	High	\$450
5648	Biotechnical Engineering non PLTW	ENGI	2	Moderate	High	\$375

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
4818	Biotechnical Engineering PLTW	ENGI	2	Moderate	High	\$375
4588	Bridges to the Internet <i>new DOE # and course title</i> **new \$	IT	6	High	High	\$450
5592	Building and Facilities Management	A&C	6	High	High	\$450
5260	Business Cooperative Experiences	CO-WB	6	Coop/WBL	Coop/WBL	\$250
5240	Business Technology Lab I <i>title expires in 2012-2013</i>	BFM	4	Moderate	High	\$375
5244	Business Technology Lab II <i>title expires in 2012-2013</i>	BFM	4	Moderate	High	\$375
5888	Cabinet and Furniture Manufacturing	A&C	6	Moderate	Moderate	\$300
5344	Chemistry of Food	F&CS	2	Other	Other	\$250
5362	Child Development <i>formerly Child Development and Parenting</i>	ED	2	Other	Other	\$250
5650	Civil Engineering and Architecture non PLTW <i>formerly Civil-Architectural Engineering non PLTW</i>	ENGI	2	High	High	\$450
4820	Civil Engineering and Architecture PLTW	ENGI	2	High	High	\$450
5570	Commercial Photography	AV	6	High	Moderate	\$375
5534	Computer Integrated Manufacturing non PLTW	ENGI	2	Moderate	High	\$375
4810	Computer Integrated Manufacturing PLTW	ENGI	2	Moderate	High	\$375
5532	Computer Network Technology <i>title expires in 2012-2013</i>	IT	6	High	High	\$450
4534	Computer Programming I <i>formerly Computer Programming</i> **new \$	IT	6	High	High	\$450
5236	Computer Programming II <i>formerly Information Technology: Programming and Software Development</i>	IT	6	High	High	\$450
5536	Computer Repair and Maintenance Technology <i>title expires in 2012-2013</i>	IT	6	High	High	\$450
5230	Computer Tech Support <i>formerly Information Technology: Information Support and Services</i>	IT	6	Moderate	High	\$375
4800	Computers in Design and Production <i>formerly Computers in Design and Production Systems</i> **new \$	MAN	2	Other	Other	\$250
4830	Construction Technology Electrical I <i>new DOE # and course title</i>	A&C	6	High	High	\$450
4832	Construction Technology Electrical II <i>new DOE # and course title</i>	A&C	6	High	High	\$450
5496	Construction Technology HVAC I <i>formerly Heating, Ventilation, Air Conditioning and Refrigeration</i>	A&C	6	High	High	\$450
5498	Construction Technology HVAC II <i>new DOE # and course title</i>	A&C	6	High	High	\$450
5580	Construction Technology I <i>formerly Building Trades Technology</i>	A&C	6	High	High	\$450
5578	Construction Technology II <i>new DOE # and course title</i>	A&C	6	High	High	\$450
5334	Consumer Economics	F&CS	2	Other	Other	\$250
5430	Consumer Service Careers I and II <i>title expires in 2012-2013</i>	F&CS	6	High	High	\$450
5480	Cooperative Occupational Family and Consumer Sciences	CO-WB	6	Coop/WBL	Coop/WBL	\$250
5802	Cosmetology I <i>formerly Cosmetology</i>	HHS	6	High	Moderate	\$375

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
5806	Cosmetology II <i>new DOE # and course title</i>	HHS	6	High	Moderate	\$375
5822	Criminal Justice I <i>formerly Law Enforcement</i>	PS	6	High	High	\$450
5824	Criminal Justice II Advanced <i>new DOE # and course title</i>	PS	6	High	High	\$450
5440	Culinary Arts and Hospitality Management <i>formerly Culinary Arts Careers I, II, III</i>	HHS	6	High	High	\$450
5205	Dental Assisting III <i>title expires in 2012-2013</i>	HS	3	High	High	\$450
5206	Dental Assisting IV <i>title expires in 2012-2013</i>	HS	3	High	High	\$450
5203	Dental Careers I <i>formerly Dental Assisting I</i>	HS	6	High	High	\$450
5204	Dental Careers II <i>formerly Dental Assisting II</i>	HS	6	High	High	\$450
5620	Diesel Service Technology I <i>formerly Diesel Service Technology</i>	T&L	6	High	High	\$450
5624	Diesel Service Technology II <i>new DOE # and course title</i>	T&L	6	High	High	\$450
5538	Digital Electronics non PLTW <i>formerly Digital Electronics Tech. non PLTW</i>	ENGI	2	Moderate	High	\$375
4826	Digital Electronics PLTW	ENGI	2	Moderate	High	\$375
5412	Early Childhood Education I <i>formerly Early Childhood Education I and II</i>	ED	6	High	High	\$450
5406	Early Childhood Education II <i>new DOE # and course title</i>	ED	6	High	High	\$450
5408	Education Professions I <i>formerly Education Professions I and II</i>	ED	6	High	High	\$450
5404	Education Professions II <i>new DOE # and course title</i>	ED	6	High	High	\$450
5684	Electronics and Computer Technology I <i>formerly Electronics Technology</i>	MAN	6	Moderate	High	\$375
5694	Electronics and Computer Technology II <i>new DOE # and course title</i>	MAN	6	Moderate	High	\$375
5210	Emergency Medical Services <i>formerly Introduction to Emergency Medical Services</i>	PS	6	High	Moderate	\$375
5698	Engineering Design and Development non PLTW <i>new DOE # and course title</i>	ENGI	2	High	High	\$450
4828	Engineering Design and Development PLTW	ENGI	2	High	High	\$450
5966	Entrepreneurship and New Ventures <i>formerly Entrepreneurship Academy</i>	BFM	4	High	High	\$450
5022	Farm Management <i>title expires in 2012-2013</i>	AG	2	High	High	\$450
5420	Fashion and Textile Careers I and II	F&CS	6	High	High	\$450
5962	Fashion Merchandising	BFM	2	High	High	\$450
5258	Financial Services <i>formerly Finance Academy</i>	BFM	4	High	High	\$450
5820	Fire and Rescue I <i>formerly Fire Science</i>	PS	6	High	High	\$450
5826	Fire and Rescue II <i>new DOE # and course title</i>	PS	6	High	High	\$450
5456	Food and Nutrition Science Careers I and II	F&CS	6	High	High	\$450
5102	Food Science	AG	2	Moderate	High	\$375
5550	Graphic Design and Layout <i>formerly Commercial Art and Graphic Design</i>	AV	6	High	High	\$450
5572	Graphic Imaging Technology	AV	6	High	High	\$450
5207	Health Career Practicum	CO-WB	3	Coop/WBL	Coop/WBL	\$250

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
5286	Health Careers III <i>title expires in 2012-2013</i>	HS	6	High	High	\$450
5282	Health Science Education I <i>formerly Health Careers I</i>	HS	6	High	High	\$450
5284	Health Science Education II <i>formerly Health Careers II</i>	HS	6	High	High	\$450
5132	Horticultural Science	AG	6	Moderate	High	\$375
5982	Hospitality, Travel and Tourism <i>title expires in 2012-2013</i>	BFM	4	High	High	\$450
5460	Housing and Interior Design Careers I and II	F&CS	6	Moderate	High	\$375
5336	Human and Social Services I <i>formerly Family and Consumer Sciences Issues and Applications</i>	HHS	6	High	High	\$450
5462	Human and Social Services II <i>formerly Human and Family Services Careers I and II</i>	HHS	6	High	High	\$450
5216	Human Body Systems PLTW	HS-B	2	High	High	\$450
5366	Human Development and Wellness <i>formerly Human Development and Family Wellness</i>	HHS	2	Other	Other	\$250
5686	Industrial Repair and Maintenance	A&C	6	High	High	\$450
5294	Integrated Health Sciences I <i>title expires in 2012-2013</i>	HS	4	Moderate	High	\$375
5296	Integrated Health Sciences II <i>title expires in 2012-2013</i>	HS	4	Moderate	High	\$375
5232	Interactive Media <i>formerly Information Technology: Interactive Media</i>	AV	6	High	High	\$450
5902	Interdisciplinary Cooperative Education	CO-WB	6	Coop/WBL	Coop/WBL	\$250
5364	Interpersonal Relationships	HHS	2	Other	Other	\$250
4796	Introduction to Advanced Manufacturing and Logistics <i>formerly Manufacturing Processes **new \$</i>	MAN	2	Other	Other	\$250
5056	Introduction to Agriculture, Food and Natural Resources <i>formerly Fundamentals of Agriculture Science and Business</i>	AG	2	Moderate	High	\$375
4790	Introduction to Communication <i>formerly Communication Processes **new \$</i>	AV	2	Other	Other	\$250
5208	Introduction to Community Health Services <i>title expires in 2012-2013</i>	HS	3	Moderate	High	\$375
4792	Introduction to Construction <i>formerly Construction Processes **new \$</i>	A&C	2	Other	Other	\$250
5438	Introduction to Culinary Arts and Hospitality <i>formerly Culinary Arts Foundations</i>	HHS	2	High	High	\$450
4794	Introduction to Design Processes <i>formerly Design Processes **new \$</i>	AV	2	Other	Other	\$250
4802	Introduction to Engineering Design non PLTW <i>formerly Fundamentals of Engineering</i>	ENGI	2	High	High	\$450
4812	Introduction to Engineering Design PLTW	ENGI	2	High	High	\$450
5380	Introduction to Fashion and Textiles <i>formerly Fashion and Textiles Foundations</i>	F&CS	2	Other	Other	\$250
5211	Introduction to Health Care Specialties	HS	2	High	High	\$450
5272	Introduction to Health Care Systems <i>title expires in 2012-2013</i>	HS	4	High	High	\$450
5212	Introduction to Health Care Technology <i>title expires in 2012-2013</i>	HS	3	High	High	\$450
5350	Introduction to Housing and Interior Design <i>formerly Housing and Interior Design Foundations</i>	A&C	6	Other	Other	\$250

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
4784	Introduction to Manufacturing <i>formerly Manufacturing Systems</i> **new \$	MAN	2	Other	Other	\$250
5213	Introduction to Medical Assisting <i>title expires in 2012-2013</i>	HS	2	High	High	\$450
5214	Introduction to Pharmacy	HS	2	High	Moderate	\$375
5215	Introduction to Physical Therapy	HS	2	High	High	\$450
4798	Introduction to Transportation <i>formerly Transportation Processes</i> **new \$	T&L	2	Other	Other	\$250
5136	Landscape Management	AG	6	High	High	\$450
5990	Marketing Field Experience	CO-WB	6	Coop/WBL	Coop/WBL	\$250
5988	Marketing Management Seminar <i>title expires in 2012-2013</i>	BFM	2	High	High	\$450
4836	Mechanical Drafting and Design I <i>new DOE # and course title</i>	A&C	6	Moderate	High	\$375
4838	Mechanical Drafting and Design II <i>new DOE # and course title</i>	A&C	6	Moderate	High	\$375
5217	Medical Interventions PLTW	HS-B	2	High	High	\$450
5274	Medical Terminology	HS	2	Moderate	High	\$375
5690	Mobile Electronics <i>title expires in 2012-2013</i>	MAN	6	Low	High	\$300
5180	Natural Resources <i>formerly Natural Resource Management</i>	AG	2	Low	High	\$300
5234	Network Fundamentals <i>formerly Information Technology: Network Systems</i>	IT	6	High	High	\$450
5342	Nutrition and Wellness	HHS	2	Other	Other	\$250
5170	Plant and Soil Science	AG	2	High	High	\$450
5810	Plastics Technology <i>title expires in 2012-2013</i>	MAN	6	High	High	\$450
5782	Precision Machining I <i>formerly Precision Machine Technology</i>	MAN	6	High	High	\$450
5784	Precision Machining II <i>new DOE # and course title</i>	MAN	6	High	High	\$450
5394	Preparing for College and Careers <i>formerly Orientation to Life and Careers; formerly Career Planning and Success Skills</i>	- BFM, F&CS	1	Other	Other	\$250
5218	Principles of Biomedical Sciences PLTW	HS-B	2	High	High	\$450
4562	Principles of Business Management <i>formerly Business Management</i> **new \$	BFM	2	High	High	\$450
5644	Principles of Engineering non PLTW <i>formerly Engineering non PLTW</i>	ENGI	2	High	High	\$450
4814	Principles of Engineering PLTW	ENGI	2	High	High	\$450
5914	Principles of Marketing <i>formerly Marketing Foundations</i>	BFM	2	High	High	\$450
5256	Professional Career Internship	CO-WD	2	Coop/WBL	Coop/WBL	\$250
5986	Radio and Television I <i>formerly Radio TV Broadcasting Telecommunications</i>	AV	6	High	High	\$450
5992	Radio and Television II <i>new DOE # and course title</i>	AV	6	High	High	\$450
5842	Recreational and Portable Power Equipment	T&L	6	Moderate	High	\$375
5472	Residential and Commercial Facilities Management Careers I and II	A&C	6	Moderate	High	\$375

IDOE Course Code	Official State Approved IDOE Course Titles	Subject Area*	Max # of credits per year	Demand*	Wage*	CTE Funding
5984	Sports and Entertainment Marketing <i>formerly Sports, Recreation, and Entertainment Marketing</i>	BFM	2	Low	High	\$300
5918	Strategic Marketing <i>formerly Marketing Advanced</i>	BFM	4	High	High	\$450
5601	Supply Chain Management and Logistics <i>formerly Logistics</i>	T&L	6	High	High	\$450
5530	Three D Computer Animation and Visualization	AV	6	Moderate	High	\$375
5622	Tractor/Trailer Operation	T&L	6	High	High	\$450
5892	Trade and Industrial Cooperative Education	CO-WB	6	Coop/WBL	Coop/WBL	\$250
5602	Warehouse Operations and Materials Handling <i>new DOE # and course title</i>	T&L	6	Moderate	High	\$375
5776	Welding Technology I <i>formerly Welding Technology</i>	MAN	6	High	High	\$450
5778	Welding Technology II <i>new DOE # and course title</i>	MAN	6	High	High	\$450

* Demand and Wage ratings based on 2008-2018 Indiana Wage/Demand Data

**new \$ Courses added to funding crosswalk in 2012-2013

Wage Definition:

- More than moderate wage is \$13.01 and higher average wage
- Moderate wage implies that average wage is between \$8.01 and \$13.00
- Less than moderate wage is \$8.00 and below

Demand Definition:

- More than moderate implies a demand level of 801 and higher
- Moderate demand implies a demand level of 201 to 800
- Less than moderate demand implies a demand level of 200 or less

Other: Courses at the introductory level and those not in wage/demand categories are flat funded at \$250 per credit hour, per year expect that the introductory courses already funded at wage/demand levels will be funded at same dollar amount for 2012-2013.

Coop/WBL: Cooperative education, internship and other courses that are primarily work-based learning experiences are funded at \$250 per credit hour, per year for 2012-2013.

*Subject Areas

A&C	Architecture & Construction
AG	Agriculture
AV	Arts, Audio Visual Technology & Communications
BFM	Business, Finance & Marketing
CO-WB	Cooperative Education, Internships, Work-based Learning
ED	Education & Training
ENGI	Engineering
F&CS	Family & Consumer Sciences
HHS	Hospitality & Human Services
HS	Health Science
HS-B	Health Science Biomedical PLTW
IT	Information Technology
MAN	Manufacturing
T&L	Transportation & Logistics